Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed

1.1. Name of the Data, data collection Project, or data-producing Program:

ShoreZone Survey Data

1.2. Summary description of the data:

This dataset is a point file showing GPS trackline data collected during a ShoreZone aerial imaging survey. This flight trackline is recorded at 1-second intervals using Fugawi electronic navigation and is continuously monitored in-flight to ensure all shorelines have been imaged. This dataset is time-synchronized with ShoreZone video imagery and linked by a unique date-time code (yyyymmddhhmmss) so that all imagery can be linked to a spatial location. Software. Positional data are converted to an ESRI shapefile in accordance with the ShoreZone Coastal Habitat Mapping Protocol (2011). ShoreZone is a coastal habitat mapping and classification system in which georeferenced aerial imagery is collected specifically for the interpretation and integration of geomorphic and biological features of the intertidal zone and nearshore environment. Oblique low-altitude aerial video and digital still imagery of the coastal zone is collected during the lowest tides of the year, usually from a helicopter flying at or below 100 m altitude. During image collection, the aircraft's GPS position is continuously recorded so that the video and still imagery have positional information. Video imagery is accompanied by continuous, simultaneous commentary by a geologist and a biologist aboard the aircraft. The imagery and commentary are used in the definition of discrete along-shore coastal habitat units and the mapping of observed physical, geomorphic, sedimentary, and biological across-shore components within those units. Units are digitized as shoreline segments in ArcGIS, then integrated with the along-shore and across-shore geological and biological data attribute tables housed in the geodatabase. Mapped habitat features include degree of wave exposure, substrate type, sediment texture, intertidal biota, and some nearshore subtidal biota.

1.3. Is this a one-time data collection, or an ongoing series of measurements?

One-time data collection

1.4. Actual or planned temporal coverage of the data:

2001-01-01 to 2015-01-01

1.5. Actual or planned geographic coverage of the data:
W: -171.8496, E: -123.740645, N: 71.389112, S: 41.991005

1.6. Type(s) of data:
(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Map (digital)

1.7. Data collection method(s):
(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)
Instrument: NA
Platform: NA
Physical Collection / Fishing Gear: NA

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:
Steve Lewis

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:
Alaska Regional Office

2.4. E-mail address:
steve.lewis@noaa.gov

2.5. Phone number:
907-586-7858

3. Responsible Party for Data Management
Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:
Steve Lewis

3.2. Title:
Data Steward

4. Resources
Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?

Yes

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):

5%

5. Data Lineage and Quality

NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible

(describe or provide URL of description):

Process Steps:

- 2014-10-15 00:00:00 - Points are collected at 1-second intervals during aerial surveys using Fugawi navigation software. Attribute data collected with each point includes latitude, longitude, UTM northing, UTM easting, UTM zone, UTC date, and UTC time. Navigational point data are linked to video tape numbers and digital still photographs using a unique date-time code derived from GPS trackline data. Master trackline databases are constructed in MS Access and converted to trackline shapefiles using ESRI software.

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):

http://alaskafisheries.noaa.gov/sites/default/files/chmprotocol0114.pdf

10% recheck and then re-analze

6. Data Documentation

The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?

Yes

6.1.1. If metadata are non-existent or non-compliant, please explain:

6.2. Name of organization or facility providing metadata hosting:

NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:
https://inport.nmfs.noaa.gov/inport/item/26849

6.4. Process for producing and maintaining metadata
(describe or provide URL of description):
Metadata produced and maintained in accordance with the NMFS Data Documentation Procedural Directive: https://inport.nmfs.noaa.gov/inport/downloads/data-documentation-procedural-directive.pdf

7. Data Access
NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

7.1. Do these data comply with the Data Access directive?
Yes

7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:
Alaska Regional Office

7.2.1. If data hosting service is needed, please indicate:
NA

7.2.2. URL of data access service, if known:
http://alaskafisheries.noaa.gov/mapping/ShoreZone

7.3. Data access methods or services offered:
http://alaskafisheries.noaa.gov/arcgis/rest/services

7.4. Approximate delay between data collection and dissemination:
NA

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:

NA

8. Data Preservation and Protection

The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:

(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)

To Be Determined

8.1.1. If World Data Center or Other, specify:

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

Archived at Alaska Region NOAA and PSFMC, and Coast and Oceans Resources.

8.2. Data storage facility prior to being sent to an archive facility (if any):

Alaska Regional Office - Juneau, AK

Federal Building

8.3. Approximate delay between data collection and submission to an archive facility:

4 months

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection

NA

9. Additional Line Office or Staff Office Questions

Line and Staff Offices may extend this template by inserting additional questions in this section.